

Fig. 1

CONVENTIONAL ART

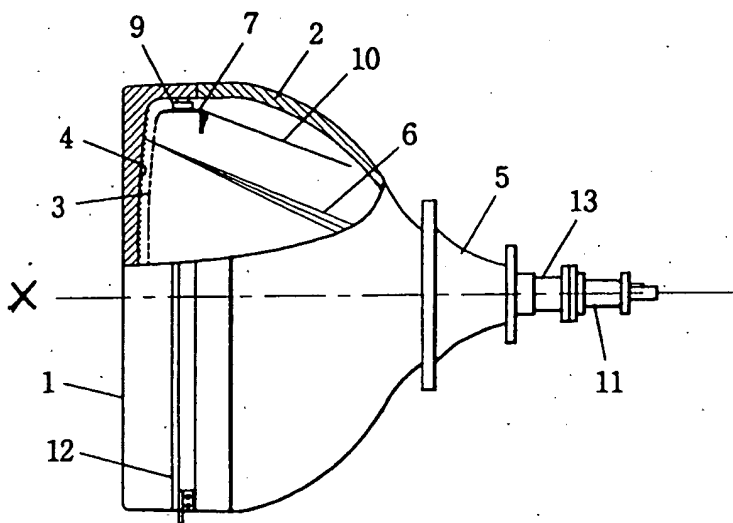
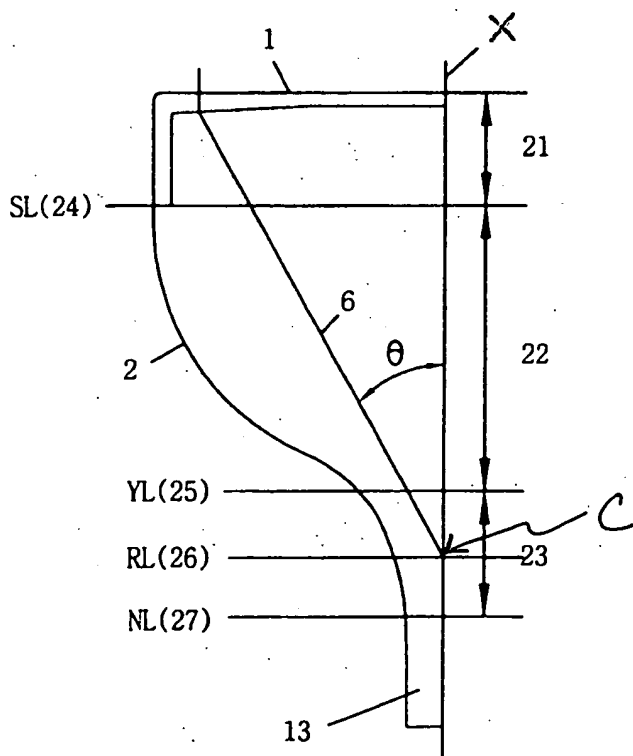


Fig. 2a

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Fig. 2b

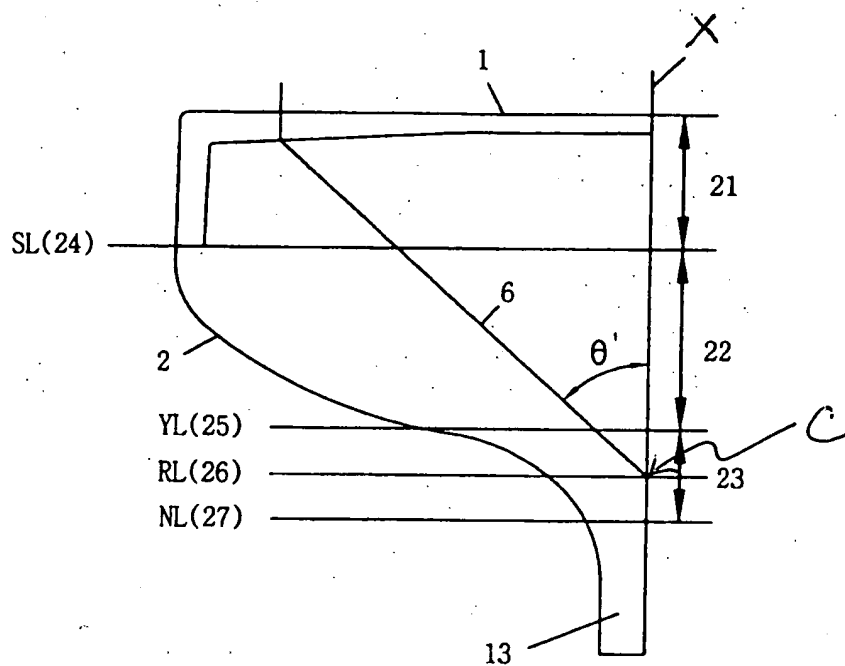
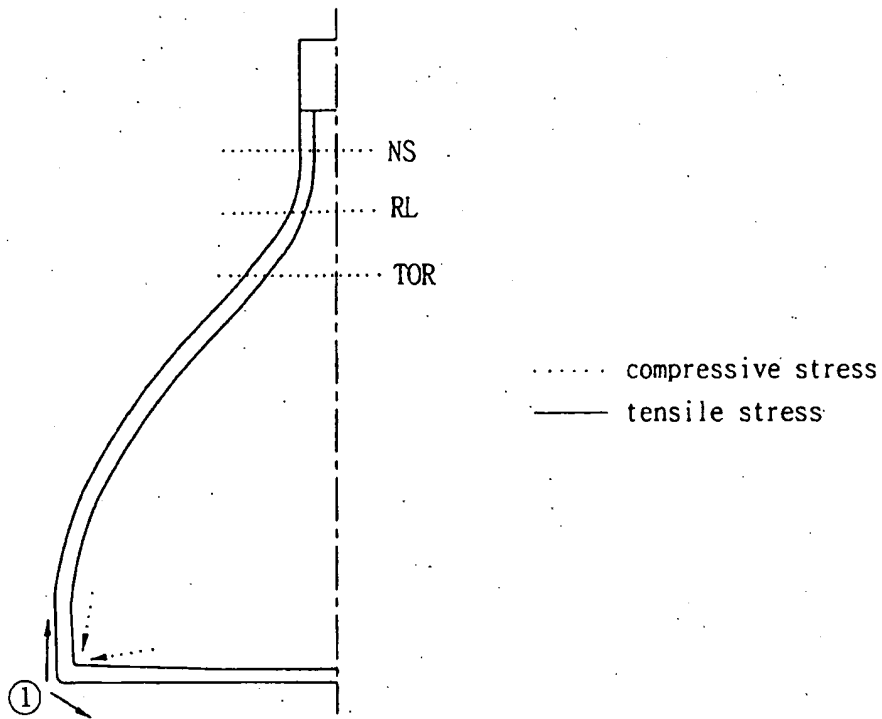


Fig. 3

The diagram illustrates the stress distribution in a thick-walled cylinder subjected to internal pressure. The cylinder is represented by a horizontal cross-section with a central vertical axis. The internal pressure is indicated by arrows pointing radially outward from the inner surface. The stress distribution is shown by two sets of arrows: solid lines for tensile stress and dotted lines for compressive stress. The tensile stress is highest at the inner radius and decreases towards the outer radius. The compressive stress is highest at the outer radius and decreases towards the inner radius. A legend on the right identifies the symbols: a dotted line for compressive stress and a solid line for tensile stress.

Fig. 4a

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Fig. 6

